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## FACSIMILE COVER SHEET

<b>Date:</b>	<b>December 20, 2004</b>	<b>Fax:</b>	<b>703-872-9306</b>
<b>To:</b>	<b>U.S. Patent and Trademark Office</b>	<b>Phone:</b>	

**Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**

<b>From:</b>	<b>Carmen C. Cook</b>
<b>Serial No.:</b>	<b>10/801,394</b>
<b>Docket:</b>	<b>STF-S02-045</b>
<b>Re:</b>	<b>Response to Office Action</b>
<b>Pages:</b>	<b>23 (including cover sheet)</b>

### Message:

Re: Applicant(s): Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard  
Assignee: The Board of Trustees of the Leland Stanford Junior University  
Title: Harmonic Cantilevers and Imaging Methods for Atomic Force  
Microscopy (as amended)  
Serial No.: 10/801,394  
Examiner: Robert R. Racvis  
Docket No.: STF-S02-045

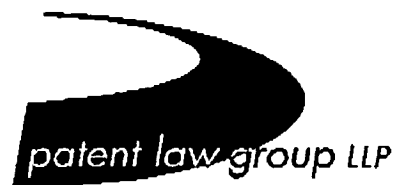
Filed: March 15, 2004  
Group Art Unit: 2856

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (16 pages);
- (3) Previously submitted Form PTO/SB/08B (1 page);
- (4) One page of Drawings (Figs. 1, 2, 3(a), and 3b);
- (5) Declaration of Applicant Pursuant To 37 C.F.R. 1.132 (3 pages).

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Brian D. Ogonowsky

Carmen C. Cook

David C. Hsiao

Rachel V. Leiterman

December 20, 2004

Via Facsimile

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Re: Applicant(s): Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard  
 Assignee: The Board of Trustees of the Leland Stanford Junior University  
 Title: Harmonic Cantilevers and Imaging Methods for Atomic Force Microscopy (as amended)  
 Serial No.: 10/801,394  
 Examiner: Robert R. Raevis  
 Docket No.: STF-S02-045

Filed: March 15, 2004

Group Art Unit: 2856

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Response to Office Action (16 pages);
- (3) Previously submitted Form PTO/SB/08B (1 page);
- (4) One page of Drawings (Figs. 1, 2, 3(a), and 3b);
- (5) Declaration of Applicant Pursuant To 37 C.F.R. 1.132 (3 pages).

- ☒ No additional fee is required.  
☐ The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee
Total Claims	32	Minus	51	=	0	x \$25	\$ 0.00
Independent Claims	1	Minus	4	=	0	x \$100	\$ 0.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application						\$
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.						
<input type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of						0.00
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.						
Total:						\$	0.00

## Certification of Facsimile Transmission

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Carmen C. Cook December 20, 2004  
 Signature Date

Respectfully submitted,

Carmen C. Cook  
 Attorney for Applicant(s)  
 Reg. No. 42,433

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard  
Assignee: The Board of Trustees of the Leland Stanford Junior University  
Title: Harmonic Cantilevers and Imaging Methods for Atomic Force Microscopy (as amended)  
Serial No.: 10/801,394 Filing Date: March 15, 2004  
Examiner: Robert R. Raevis Group Art Unit: 2856  
Docket No.: STF-S02-045

San Jose, California  
December 20, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed September 23, 2004, Applicant submits the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 9 of this paper and include an attached replacement sheet.

Remarks begin on page 10 of this paper.

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